

Table 1: Annual Respondent Burden and Cost – NESHAP for Primary Magnesium Refining (40)

Burden Item	(A) Person hours per occurrence	(B) Number of occurrences per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per year ^a	(E) Technical person hours per year (E=CxD)
1. Reporting requirements					
a. Familiarize with regulatory requirements	4	1	4	1	4
b. Process/review information	4	4	16	1	16
c. Write reports					
i. Initial notification	2	1	2	0	0
ii. Notification of compliance status ^c	2	1	2	0.33	0.66
iii. Notification of construction/reconstruction	2	1	2	0	0
iv. Notification of actual startup	2	1	2	0	0
v. Notification of performance test ^c	2	1.2	2.4	0.33	0.79
vi. Report of performance test ^{c,d}	180	1.2	216	0.33	71.28
vii. Semiannual report ^e	10	2	20	1	20
viii. Startup, shutdown, malfunction report	4	1	4	1	4
Subtotal for Reporting Requirements					
2. Recordkeeping requirements					
a. Familiarize with regulatory requirements	4	1	4	1	4
b. Plan activities	12	1	12	1	12
c. Implement activities	12	1	12	1	12
d. Time to train personnel	10	1	10	1	10
e. Time to enter information	-	-	-	-	-
f. Store, file, and maintain records ^f	1	365	365	1	365
g. Retrieve records/reports ^g	1	12	12	1	12
Subtotal for Recordkeeping Requirements					
Total Labor Burden and Costs (rounded) ^h					
Total Capital and O&M Costs (rounded) ^h					
Grand Total (rounded) ^h					

Assumptions:

^a We have assumed that there are approximately one respondents subject to the rule, with no new sources expected over the

^b This ICR uses the following labor rates: \$147.40 per hour for Executive, Administrative, and Managerial labor; \$117.92 per hour for Clerical labor. These rates are from the United States Department of Labor, Bureau of Labor Statistics, June 20 Occupational and Industry group.” The rates are from column 1, “Total Compensation.” The rates have been increased by available to those employed by private industry.

^c We have assumed that performance tests will be repeated once in three years. We assume that 20% of tests will need to be

^d We assume that this includes Method 23 test.

^e We assumed that it will take each respondent ten hours two times per year to complete semiannual reports.

^f This includes inspection of unpaved areas.

^g We assume that it will take 1 hour once per month to retrieve records/reports.

^h Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

CFR Part 63, Subpart TTTTT (Renewal)

(F) Management person hours per year (F=Ex0.05)	(G) Clerical person hours per year (G=Ex0.1)	(H) Annual costs (\$) ^b
0.2	0.4	\$523.97
0.8	1.6	\$2,095.87
0	0	\$0
0.03	0.07	\$86.45
0	0	\$0
0	0	\$0
0.04	0.08	\$103.75
3.56	7.13	\$9,337.11
1	2	\$2,619.84
0.2	0.4	\$523.97
134		\$15,291
0.2	0.4	\$523.97
0.6	1.2	\$1,571.90
0.6	1.2	\$1,571.90
0.5	1	\$1,309.92
-	-	-
18.25	36.5	\$47,812.08
0.6	1.2	\$1,571.90
477		\$54,362
611		\$69,700
		\$1,200
		\$70,900

Labor Rates:	
Management	\$147.40
Technical	\$117.92
Clerical	\$57.02

4.13 responses
148 hr/response

next three-years of this ICR.

er hour for Technical labor, and \$57.02
18, "Table 2. Civilian Workers, by
110% to account for the benefit packages

repeated.

Table 2: Average Annual EPA Burden and Cost – NESHAP for Primary Magnesium Refining

Burden Item	(A) Person hours per occurrence	(B) Number of occurrences per year	(C) Person hours per respondent per year (C=AxB)	(D) Respondents per Year ^a	(E) Technical person hours per year (E=CxD)
1. Initial performance test ^c	24	1	24	0.33	7.92
2. Repeat performance test ^c	24	0.2	4.8	0.33	1.58
3. Report review					0
a. Initial notification	8	1	8	0	0
b. Notification of performance test ^c	8	1.2	9.6	0.33	3.17
c. Notification of compliance status ^c	8	1	8	0.33	2.64
d. Notification of construction/reconstruction	8	1	8	0	0
e. Notification of actual startup	8	1	8	0	0
f. Report of performance test ^c	8	1.2	9.6	0.33	3.17
g. Semiannual report ^d	16	2	32	1	32
h. Startup, shutdown, malfunction report ^e	8	1	8	1	8
Total (rounded) ^f					

Assumption:

^a We have assumed that there are approximately one respondent subject to the rule, with no new sources expected over the period.

^b This cost is based on the following labor rates which incorporates a 1.6 benefits multiplication factor to account for government rates: Managerial rate of \$65.71 (GS-13, Step 5, \$41.07 + 60%), Technical rate of \$48.75 (GS-12, Step 1, \$30.47 + 60%), and Craft rate of \$16.49 + 60%. These rates are from the Office of Personnel Management (OPM) “2018 General Schedule” which excludes overtime.

^c We have assumed that performance tests will be repeated once in three years. We assume that 20% of tests will need to be repeated.

^d We have assumed that it would take 16 hours two times per year to review semiannual reports.

^e We have assumed that it will take eight hours once per year to review the startup, shutdown, malfunction report.

^f Totals have been rounded to 3 significant figures. Figures may not add exactly due to rounding.

(40 CFR Part 63, Subpart TTTTT) (Renewal)

(F) Management person hours per year (F=Ex0.05)	(G) Clerical person hours per year (G=Ex0.1)	(H) Annual costs (\$) ^b
0.40	0.79	\$433.01
0.08	0.16	\$86.60
0	0	\$0
0	0	\$0
0.16	0.32	\$173.21
0.13	0.26	\$144.34
0	0	\$0
0	0	\$0
0.16	0.32	\$173.21
1.6	3.2	\$1,749.55
0.4	0.8	\$437.39
67		\$3,200

Labor Rates:	
Management	\$65.71
Technical	\$48.75
Clerical	\$26.38

ie next three-years of this ICR.

ernment overhead expenses:

Clerical rate of \$26.38 (GS-6, Step 3,

des locality rates of pay.

be repeated.